

IIRS Outreach Programme

The IIRS outreach programme, which was started in 2007 with 12 Universities/ Institutions has now grown substantially to 2900+. The beneficiaries of the programme may include:

- Urban and Regional Planners
- Urban and Regional Planning departments, Civil Engineering department, Architecture department, Geography department in Central/State/Private Universities & Academic Institutions
- Central & State Government Departments
- Research Institutes
- Geospatial Industries
- NGOs

Feedback Mechanism

IIRS has conducted workshops and sessions during IIRS User Interaction Meet to take feedback from participating institutions to improve the quality of future courses.



Feedback session during IIRS Academia Meet (IAM)-2020

Awards and Appreciation

IIRS has received national awards for excellence in training for outreach and e-learning programme during 1st National Symposium on Excellence in Training conducted during April 11-12, 2015 in New Delhi by Department of Personnel & Training (DoPT), Govt. of India in collaboration with United Nations Development Programme (UNDP).



About IIRS

Indian Institute of Remote Sensing (IIRS) under Indian Space Research Organisation (ISRO), Department of Space, Govt. of India is a premier Training and Educational Institute set up for developing trained professionals in the field of Remote Sensing, Geoinformatics and GNSS Technology for Natural Resources, Environmental and Disaster Management. Formerly known as Indian Photo-interpretation Institute (IPI), founded in 1966, the Institute boasts to be the first of its kind in entire South-East Asia. While nurturing its primary endeavour to build capacity among the user community by training mid-career professionals, the Institute has enhanced its capability and evolved many training and education programmes that are tuned to meet the requirements of various target groups, ranging from fresh graduates to policy makers including academia.

IIRS also conducts e-learning programme on Remote Sensing and Geo-information Science (<http://elearning.iirs.gov.in>).

Contact Details

C.M.Bhatt

Course Coordinator
Disaster Management Studies Division, IIRS

Dr. Arijit Roy

Course Director & Head
Disaster Management Studies Division, IIRS

IIRS DLP Team

Dr. Poonam S Tiwari

Programme Coordinator
IIRS Outreach Programme

Mr. Janardan Vishwakarma

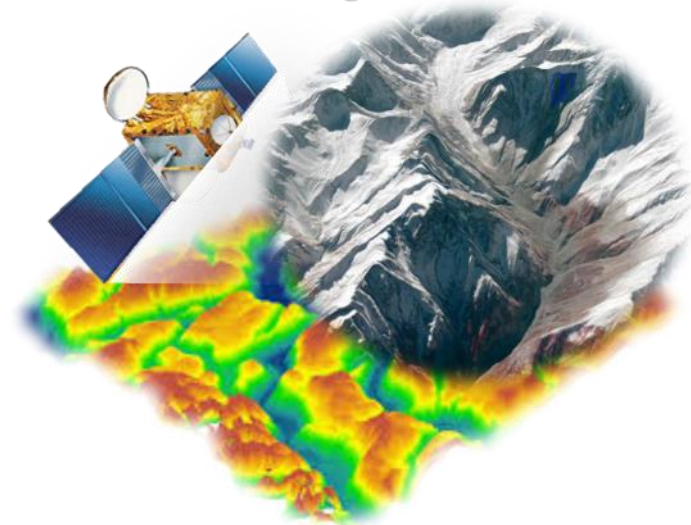
&

Mr. Ashok Ghildiyal
Technical Officer

Tel: 0135-2524130; email- dlp@iirs.gov.in

Indian Institute of Remote Sensing,
Indian Space Research Organisation
Department of Space, Govt. of India,
4-Kalidas Road, Dehradun
Email: dlp@iirs.gov.in

Ninety Two IIRS Outreach Programme



Advanced Geospatial Technologies for Disaster Risk Reduction (DRR)

April 18 - 29, 2022



Organised by

Indian Institute of Remote Sensing
Indian Space Research Organisation
Department of Space, Govt. of India
Dehradun

www.iirs.gov.in

About the Course

Natural disasters are becoming more frequent and intense across the globe. Enhancing resilience to increasing hazards, exposure, and vulnerability therefore requires leveraging of advanced geospatial technologies for better disaster mitigation and management. With continuous improvements in satellite data sensor acquisition parameters together with geo-computational approaches, geospatial technologies have emerged as the most powerful technology for all phases of disaster management. The course on advanced geospatial technologies for Disaster Risk Reduction (DRR) is scheduled from April 18 - 29, 2022 .

Course Contents

- Overview of remote sensing & Geographic Information System
- Application of satellite communication technology for disaster mitigation
- Overview of UAV for disaster monitoring and mitigation
- Emerging geo computation, online GIS & Geo-web services for DRR
- Advanced application of Geospatial Technologies for Geological Hazards, Hydrological Hazards, Forest Fire Hazards, Drought Hazards, Coastal Hazards, Atmospheric & Pollution Hazards.

Expected Outcome

The workshop is designed for professionals from Central / State Govt. / Private Organizations / NGO engaged in geospatial data analysis related research and projects; students and researchers aligned to research in Disaster Risk Reduction (DRR).

Target Participants

The workshop is designed for professionals from Central / State Govt. / Private Organizations / NGO engaged in geospatial data analysis related research and projects; students and researchers aligned to research in Disaster Risk Reduction (DRR).

Course Study Material

Course study materials like lecture slides, video recorded lectures, open source software & handouts of demonstrations, etc. will be made available through e-class. Video lectures will also be uploaded on e-class (<https://www.eclass.iirs.gov.in/login>).

Course Pre-requisite

Familiarization with Basics of Remote Sensing and GIS.

Course Fee

There is no course fee for attending this programme.

Course Registration

- Course updates and other details will be available on URL- <http://www.iirs.gov.in/Edusat-News/>.
- All participants have to register online through registration page available on above web page

Course Funding & Technical Support

The programme is sponsored by IIRS, Indian Space Research Organisation, Department of Space, Government of India, Dehradun

Programme Reception

- Individuals can attend the course live via any web browser through the e-class portal of IIRS, Dehradun i.e. <https://eclass.iirs.gov.in>
- The participants can also attend the live workshop via the YouTube channel of IIRS i.e. <https://www.youtube.com/user/edusat2004>
- The content of the workshop will be available offline after 24 hours in the e-class portal.

Award of Certificate

- All the participants who attend 70% sessions of the course live via e-class portal.
- Participants who attend course sessions via IIRS YouTube channel should mark their attendance via offline session available after 24 hrs.